

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

To: Gary T. Hartfield, Division Director  
Internal Services Department  
Small Business Development Division

**(RESUBMITTAL)**

From: Isaac Smith, Manager  
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

Contract Title: Two-Year Countywide Contract for Rehabilitation of Sanitary Sewers by the Cured-In-Place Pipe Lining Method with County Option to Renew for an Additional Two Years on a Yearly Basis

Contract No.: S-866

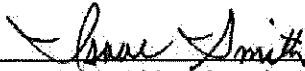
Estimate Amount: \$6,100,050 (See breakdown below)

[\$5,275,500 Construction + \$527,550 Contingency + \$297,000 Dedicated Allowance]

Funding Source: WASD Revenue Bonds Sold

**CSBE GOAL -0% (No availability)**

**Analysis for Recommendation (SEE NEXT PAGE)**



Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

The project consists of furnishing all labor, materials and equipment necessary to repair approximately 130,630 linear feet of faulty 8 through 36-inch diameter gravity sanitary sewers and 6-inch diameter service laterals in both industrial and non-industrial areas by the cured-in-place pipe lining method, under different work orders at different locations anywhere within the limits of Miami-Dade County, Florida, as ordered by WASD during a two year period.

The work will also include the following: reinstatement of approximately 1,400 service laterals, including sealing the lateral connections; cleaning and video inspections with closed circuit television (CCTV); supplementary cleaning of the sewers to be repaired, and removal and proper disposal of solids as required; by-pass pumping of sewage; maintenance of traffic (MOT); and all other appurtenant and miscellaneous items and work for a completed Project. The work in the sewer shall be accomplished through sanitary sewer manholes, without disturbing the street surface or adjacent property or any utility, except when performing excavated point repairs of sewers.

The unit prices bid will be used for uniform comparison amongst the bidders, and the bids will be evaluated based upon the lowest total amount bid in the Proposal. The Contract will be awarded for an aggregate amount of up to six million one hundred thousand fifty dollars (\$6,100,050) for a 24-month period. The Contract will terminate upon the depletion of the six million one hundred thousand fifty dollars (\$6,100,050), or the expiration of the 24-month period, whichever occurs first.

The Mayor or his designee has the option to renew the contract for up to an additional two years, on a yearly basis, with the same unit prices used in the original contract, with an additional total amount of \$6,100,050. Each renewal option will be for a one year period, and \$3,050,025.

**Bidder Qualifications:**

Bidder shall have a minimum of five (5) years experience performing pipeline installations and/or pipeline rehabilitation by the cured-in-place pipe lining method.

In the event a new firm is established by executives, supervisors and other senior field staff (key employees) that would have met these minimum experience requirements with a prior firm, the Miami-Dade Water and Sewer Department (WASD) reserves the right to qualify the new firm based on WASD's sole determination and evaluation of the knowledge and prior experience of these key employees employed by the new firm.

Bidders must demonstrate that the firm or its key employees, as described above, have experience performing pipeline repairs by means of the Cured-In-Place Pipe lining method within the company's noted history.

Each bidder must submit proof that his/her firm has been regularly and successfully engaged in the installation of the liner product for a minimum of one (1) year, and has successfully performed an aggregate amount of at least 100,000 linear feet of sanitary sewer repairs of 8 through 36 inches in diameter in sub-aqueous conditions. Further, bidders must submit proof that the liner system submitted must have a documented minimum amount of 500,000 linear feet of any pipe diameter of successful wastewater installation in the United States, for the bid to be acceptable.

These requirements shall be based on projects completed prior to the bid submission date. WASD will confirm the listed experience by calling the owners or representatives.

The Types of Licenses required are: State of Florida General Contractor, State of Florida Underground Utility/ Excavation Contractor, Miami-Dade County General Contractor, Miami-Dade County General Engineering Contractor, and Miami-Dade County Pipeline Contractor.

**CWP IS NOT APPLICABLE**

Contract: S-869

<b>Analysis for CSBE Recommendation (Resubmittal)</b>				
<b>Recommendation – No Goal</b>				
<b>Item</b>	<b>Sub-Trade</b>	<b>Estimated Cost</b>	<b>% of Item to Base Bid</b>	<b>CSBE Availability</b>
1.	<b>Cured-In-Place Lining – Gravity Mains:</b> Rehabilitation of defects in gravity sanitary sewer mains 8 through 36-Inches by the Cured-In-Place Pipe Lining Method	\$ 4,338,500	74.8	
2.	<b>Cured-In-Place Lining – Service Laterals:</b> Rehabilitation of defects in 6-inch gravity service laterals	\$ 442,000	7.6	
3.	<b>Lateral Connections:</b> Reinstatement and sealing service laterals	\$ 392,000	6.8	
4.	<b>BY-Pass Pumping:</b> By-pass pumping of sanitary sewage in existing 8 through 36-Inch gravity ser mains	\$ 78,000	1.3	
5.	<b>Maintenance of Traffic (M.O.T.):</b> For providing sufficient flagmen, signs, barricades and similar items and work for directing traffic and maintaining safety	\$ 25,000	0.4	
	<b>SUB-TOTAL</b>	\$ 5,275,500		
	<b>Contingency (10%)</b>	\$ 527,550	9.1	
	<b>TOTAL FOR CSBE (Subtotal &amp; Contingency)</b>	\$ 5,803,050	100	
	<b>Total Dedicated Allowances</b>	\$ 297,000		
	<b>PROJECT TOTAL</b>	\$ 6,100,050		

**DEPARTMENT INPUT**  
**CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Check applicable Ordinance(s):  90-143 Responsible Wage and Benefits       03-237 (formerly 03-1) Community Workforce Program

**PROJECT INFORMATION**      See attachment

**Contract/Project/\*Work Order No.:** S-866

\*Reference corresponding project number when submitting a work order

**Contract/Project Title:** Two-Year Countywide Contract for Rehabilitation of Sanitary Sewers by the Cured-In-Place Pipe Lining Method with County Option to Renew for an Additional Two Years on a Yearly Basis

**Description/Scope of Work:** The project consists of furnishing all labor, materials and equipment necessary to repair approximately 130,630 linear feet of faulty 8 through 36 inch diameter gravity sanitary sewers in both industrial and non industrial areas by the cured in place pipe lining method under different work orders at different locations anywhere within the limits of Miami Dade County, Florida, as ordered by WASD during a two year period.

The work includes supplementary cleaning of the affected existing gravity sanitary sewers, isolating the reach to be repairs, inspecting it with closed-circuit television (CCTV), then installing a cured-in-place pipe liner and reinspecting the reach with CCTV. The works also includes lining, reinstatement and sealing of service later. In general, the work will be accomplished through the existing sewer manholes, without disturbing the street surface or adjacent property or any utility.

**Estimated Cost:** 6100050 **Funding Source:** Other (specify)

**Location of Project** (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> Ct or Starts at 135 St. ends at 145 St.  
Various Locations in Miami-Dade County

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)**      See attachment

Engineer/Department or Agency's estimated required workforce for Project  Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
N/A		
N/A		
N/A		

Comments:Funding Source WASD Revenue Bonds Sold

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE)**      See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
0	\$	0%	
0	\$	0%	
0	\$	0%	

**RECOMMENDATION**

**Set-Aside:** Level 1  Level 2  Level 3  Trade Set-Aside  Sub-Contractor Goal  Workforce Goal  No Measure

**Basis for Recommendation:** Lack of availability among CSBE subcontractors.

**Date submitted to DBD:** 05/12/2014

**Contact Person:** Isaac Smith

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